

ECS Configuration Change Request

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Page(s)

1. Originator Cherry Kenney	2. Log Date: 2/6/03	3. CCR #: 03-0082	4. Rev:	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/CO
8. CCR Title: Patch_6A.07_INGEST.01						
9. Originator Signature/Date Cherry Kenney /s/ 2/6/03			10. Class II	11. Type: CCR	12. Need Date: 05Feb03	
13. Office Manager Signature/Date Louis Swentek /s/ 2/6/03			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted (Review and submit checklist):			17. Schedule Impact:		18. CI(s) Affected: INGEST & SDSRV	
19. Release Affected by this Change: 6A		20. Date due to Customer: 05Feb03		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 36648, 36650, 36651						
23. Problem: (use additional Sheets if necessary) The LP DAAC has requested that a new PSA be added to the ASTER AST_L1A version 003 ESDT descriptor file to contain the ASTER scene orientation angle metadata, Sev5, NCR36648 Also by adding the new ASTER AST_L1A: PSA , SDSRV and INGEST subsystem must make code changes, Sev5, NCR36651 andSev5, NCR36650, respectively.						
24. Proposed Solution: (use additional sheets if necessary) Deliver Patch_6A.07_INGEST.01 to all DACCs. Patch must be installed on top on patch_6A.07_System.01						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) The science community will not have enough detailed information about granules before ordering.						
27. Justification for Emergency (If Block 15 is "Emergency"): LP DAAC has requested new PSA.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date): M. Armstrong /s/ 2/6/03		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): D. Stepp /s/ 2/6/03		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				

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34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS
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CM01JA00 Revised 8/2/02

ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: Patch_6A.07_INGEST.01

Actions

ClearCase Group(CSG):

Please make the following tar file from the 6A07 baseline.

Make one sun5.8 tar file with the following files:

/ecs/formal/ESDT/As/DsESDTAsAST_L1A.003.desc
/ecs/formal/ESDT/As/DsESDTAsAST_L1B.003.desc

Please make the following tar files from the 6A07EBF1 baseline:

Please make one sun5.8 tar with the following files:

/ecs/formal/DSS/sdsrv/sybase/db/tools/DsDbAsterPSAUpdate.ksh

Please make one irix65 tar file with the following packages:

.EclnINTFCSVR.pkg
.EclnAPCSVR.pkg
.EclnDBScripts.pkg

Please make one sun5.8 tar file with the following package:

.EclnGUIOPSWs.pkg

DAAC Install Instructions:

PATCH DEPENDENCIES: THIS PATCH MUST BE INSTALLED ON TOP OF PATCH_6A.07_System.01 (Part of the 6A.07 PSR delivery). You must have completed the Post Installation instructions for Ingest (See chapter 12 of the 6A.07 Release Notes) before installing Patch_6A.07_INGEST.01.

PREINSTALL

1. Untar the the tar files in a SOL8 and IRIX65 staging areas by using the tar command on the *tar files.
2. Untar the packages in the SOL8 and IRIX65 staging areas by using the *Setup.ksh files.
3. cd <staging_area>/SOL8/
4. chmod 644 *.desc
5. chmod 755 *.ksh
6. Bring down the SDSRV and all Ingest Servers and the INGEST GUI.

INSTALLATION:

1. Logon on to any SUN in the system and use E.A.S.I to install the following pacakges:
.EclnINTFCSVR.pkg

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.EclnAPCSVR.pkg
.EclnDBScripts.pkg
.EclnGUIOPSWWS.pkg

2. Logon to the host where the SDSRV is installed (e0acs05)
3. cd /usr/ecs/<MODE>/CUSTOM/data/ESS
4. chmod 644 *AST_L1*.003.desc
5. cp <staging_area>/SOL8/DsESDTAsAST_L1A.003.desc .
6. cp <staging_area>/SOL8/DsESDTAsAST_L1B.003.desc .
7. cd /usr/ecs/<MODE>/CUSTOM/dbms/DSS
8. cp <staging_area>/SOL8/DsDbAsterPSAUpdate.ksh .
9. Bring up the SDSRV in Maintenance Mode
10. Bring up the SDSRV GUI and update the AST_L1A.003 and AST_L1B.003 descriptors.

SDSRV and INGEST DATABASE UPDATES:

1. cd /usr/ecs/<MODE>/CUSTOM/dbms/DSS
2. Enter DsDbAsterPSAUpdate.ksh <MODE> EcDsScienceDataServer1[_MODE] e0acg11_srvr sdsrv_role <sdsrv_role_password>
3. Review the log for this script in the /usr/ecs/<MODE>/CUSTOM/logs directory.
4. Logon to the host where the Ingest Database is installed (e0icg11)
5. cd /usr/ecs/<MODE>/CUSTOM/dbms/INS
6. If the Ingest database script for NCR 36149 has not been run, it must be. To run that script do the enter the following
EclnDbESDT_NCR36149.ksh <MODE> ingest_role e0icg11_srvr INGEST[_MODE]
The script will prompt the user for the ingest_role password.
7. Review the log as described in the output of the script.
8. Enter EclnDbSMCF_NCR36650.ksh <MODE> ingest_role e0icg11_srvr INGEST[_MODE]
The script will prompt the user for the ingest_role password.
9. Review the log as described in the out put of the script.

POST INSTALLATION:

1. Warm Start the SDSRV
2. Start the Ingest Servers.
3. Re-start the Ingest GUI(s) as desired.